

Isolate detail

Isolate name: A/chicken/East_Java/Av241/2014
 Isolate ID: EPI_ISL_307020
 Type: A / H5
 Passage details/history: E1
 Lineage:

Sample information

Collection date: 2014-02-01
 Location: Indonesia / East Java
 Host: Gallus gallus domesticus
 Additional location information: Sidoarjo
 Additional host information:
 Health status: Sick
 Domestic status: Domestic
 Specimen source: Cloacal swab
 Vaccinated: N
 Strain or commercial product name used for vaccination:

Institute information

Originating lab: Institute of Tropical Disease, Universitas Airlangga
 Address: Institute of Tropical Disease, Universitas Airlangga Mulyorejo Surabaya, Indonesia
 Sample ID given by the sample provider: Av241
 Submitting lab: Kobe University Graduate School of Medicine
 Address: Kobe University Graduate School of Medicine Center for Infectious Diseases 7-5-2 Kusunoki-cho, Chuo-ku, Hyogo Prefecture Kobe 650-0017 Japan
 Sample ID given by the submitting laboratory: Av241
 Authors: AM,Nastri; AL,Poetranto; ED,Poetranto; SPA,Wahyuningsih; W,Darmanto; EF,Puruhito; L,Wulandari; G,Soegiarto; YK,Shimizu; Y,Mori; K,Shimizu

In vivo antiviral resistance - Unspecified

Adamantanes: Unknown
 Oseltamivir: Unknown
 Zanamivir: Unknown
 Peramivir: Unknown

Other: Unknown

In vivo antiviral resistance - Genotype: Unknown

In vivo antiviral resistance - Phenotype: Unknown

Antigenic
characterisation:

Note:

Sequence

segment	identifier	length	accession #	INSDC
HA	A/chicken/East_Java/Av241/2014	1768	EPI1215585	

Submitter information

Submitter: Shimizu, Kazufumi

Submission Date: 2018-04-18

Last modifier: Shimizu, Kazufumi

Last modified: 2018-12-07

Address: Kobe University Graduate School of Medicine Center for Infectious
Diseases 7-5-2 Kusunoki-cho, Chuo-ku, Hyogo Prefecture Kobe
650-0017 Japan



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Analysis

Segment	Type	Lineage	Identifier	Length	Accession #
HA	A / H5		A/chicken/East_Java/Av 241/2014	1768	EPI1215 585

```
0001  ggggttcaatc tgtaagaatg gaggaataa tacttcttct
      ttcaatagtc agtcttgtaa aaagcgatca gatttgcatt
0081  ggttaccatg caaacaattc aacagaacag gttgacacaa
      tcatggaaaa gaatgttaca gttacacatg cccaagacat
0161  actggaaagg acacacaacg ggaagctctg cgatctagat
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0241  gatggctcct cgggaacca atgtgtgacg aatttatcaa
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      aagaactgaa acacctatta agcagaataa accatttcga
0401  gaaaattcag atcatcccta aaagttcttg gtccgatcat
      gaagcatcat caggagttag ctcagcatgc ctatatctgg
0481  gaagtccctc cttttttaga aatgtggtat ggcttatcaa
      aaagaacagt acgtacccaa caataaagaa aacctacaat
0561  aataccaacc aagaagatct tttgatactg tggggaattc
      accatcctaa taatgaagca gagcagacaa tgctatatca
0641  aaacccaacc acctatattt ccattgggac atcaacacta
      aaccagagac tggtagcaaa aatagctact agatccaaag
0721  tgaacggaca aagtgggagg atggagtctt tctggacaat
      tttaaaacca aatgatgcaa ttaacttcga gagtaatgga
0801  aatttcattg ctccagaata tgcgtacaaa attgtcaaga
      aaggggattc agcaattatg aaaagtgaat tggaatatgg
```



Blast HA



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HA to...**



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0881 taactgtaac accaagtgtc aaactccaat gggagcgata
aactctagta tgccattcca caacatacac cctctcacca
0961 tcgggggaatg ccccaaataat gtgaaatcaa acagattagt
cctagcgaca gggctcagaa atagccctca aagggaaagc
1041 agaaggaaaa agagaggtct atttgagct atagcaggtt
ttatagaggg aggatggcag ggaatggtag atggttggta
1121 tgggtaccac cacagcaatg aacagggaag tggatacgct
gcagacaaag aatctactca aaaggcaata gatggagtca
1201 ccaataaagt caactcaatt attgacaaaa tgaacactca
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1281 agaatagaga atttaaacia gaagatggaa gacgggttc
tcgatgtttg gacttataat gccgaacttc tggttctcat
1361 ggaaaatgag agaactctag actttcatga ctcaaagt
aagaacctct atgacaagg tgggtacag ctgagggata
1441 atgctaagga gctaggtaac ggttgtttcg agttctatca
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1521 acatacaact atccgcagta ttcagaagaa gcaagattaa
aaagagagga aataagtga gtaaaattgg aatcaatagg
1601 aacttaccac atactgtcaa tttattcaac cgtggcgagt
tccttagcac tggcaatcat gatagctggt atatctttat
1681 ggatgtgctc taatggatca ttacaatgca gaatttgc
ttaaatttat gagttcagat ttagttaaa aacacccttg
1761 tttctact

gene HA complete CDS

0001 MEEIILLLSI VSLVKSDQIC IGYHANNSTE QVDTIMEKNV
TVTHAQDILE RTHNGKLCDL DGVKPLILKD CSVAGWLLGN
0081 PMCDEFINVP EWSDIVEKAN PTNDLCYPGS FNDYEELKHL
LSRINHFEKI QIIPKSSWSD HEASSGVSSA CLYLGSPSFF
0161 RNVVWLIKKN STYPTIKKTY NNTNQEDLLI LWGIHHPNNE
AEQTMLYQNP TTYISIGTST LNQRLVPKIA TRSKVNGQSG
0241 RMEFFWTILK PNDAINFESN GNFIAPYAY KIVKKGDSAI
MKSELEYGNC NTKCQTPMGA INSSMPFHNI HPLTIGECPK
0321 YVKSNNRLVLA TGLRNSPQRE SRRKKRGLFG AIAGFIEGGW
QGMVDGWYGY HHSNEQSGY AADKESTQKA IDGVTNKVNS
0401 IIDKMNTQFE AVGREFNNLE RRIENLNKKM EDGFLDVWTY
NAELLVLNEN ERTLDFHDSN VKNLYDKVRL QLRDNAMELG
0481 NGCFEFYHKC DNECMESIRN GTYNYPQYSE EARLKREEIS
GVKLESIGTY QILSIYSTVA SSLALAIMIA GISLWMCSNG
0561 SLQCRICI



Blast gene
HA



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